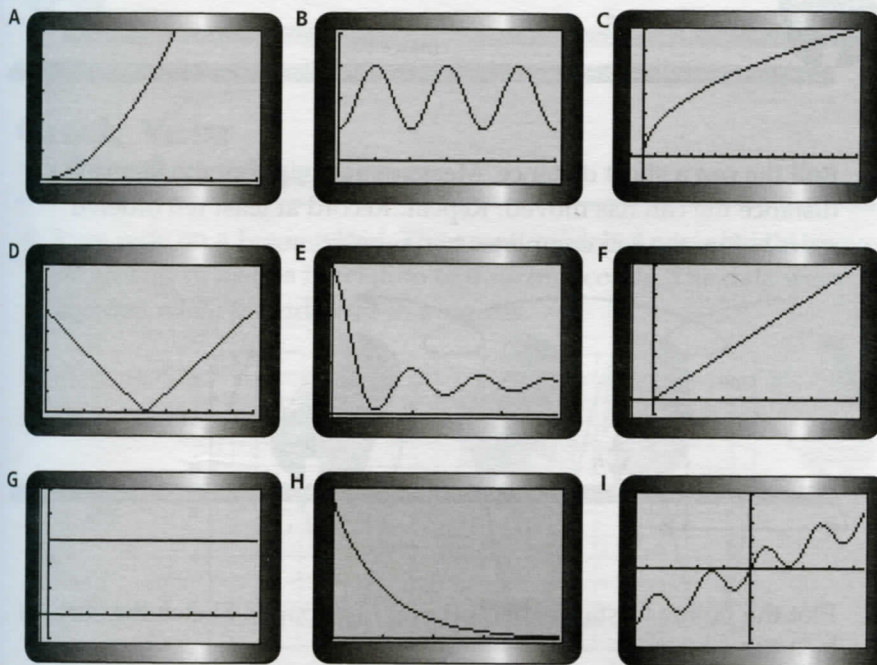


- (e) Over a period of 5730 years, Carbon 14 in an organic substance gradually decayed to half its original weight. After another 5730 years, the remaining Carbon 14 decayed to half its weight. This process repeated itself every 5730 years. The amount of Carbon 14 is the dependent variable; time is the independent variable.
- (f) An air-hockey puck is shot to the opposite end of the table and rebounds back. The distance between the puck and the opposite end of the table is the dependent variable; time is the independent variable.



— Note —

A **function** is a relation in which each value of the independent variable (x) is paired with one and only one value of the dependent variable (y).

Think about... 

Graphs

